Work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara Ward no.07 Byatarayanapura .

Description / Chainage	Side	Nos	L	B	D	Quantity	Remarks	Rate	Amount
Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.									
					Quantity Claimed in 1st Bill	469.80			
					Present Quantity	0.00			
					Total Executed Quantity	469.80			
					Deduct Qty paid in 1st Bill	-469.80			
					Present Qty to be Paid	0.00	Cum	499.74	0.00
Excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, hard rock by chiseling and/or wedging, where blasting is prohibited 1.50 m. in depth stacking the excavated stuff clear from the edge of excavation with lead upto 50m including cost of labour complete as per specifications.									
					Quantity Claimed in 1st Bill	314.06			
					Present Quantity	0.00			
					Total Executed Quantity	314.06			
					Deduct Qty paid in 1st Bill	-314.06			
					Present Qty to be Paid	0.00	Cum	2272.75	0.00
Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 20 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1. up to 125%									
					Quantity Claimed in 1st Bill	733.00			
					Qty vide Pre measurement sheet page no . (4)	631.20			
					Total Executed Quantity	1,364.20			
					Deduct Qty paid in 1st Bill	-733.00			
					Present Qty to be Paid	631.20	Cum	138.60	87,484.00
KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.13/I.4.3 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)									
					Quantity Claimed in 1st Bill	73.53			
					Qty vide Pre measurement sheet page no . (7)	121.61			

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara Ward no.07 Byatarayanapura .

SOR Item No	Description / Chainage	Side	Nos	L	B	D	Quantity	Remarks	Rate	Amount
				Total Executed Quantity			195.14			
				Deduct Qty paid in 1st Bill			-73.53			
						Present Qty	**121.61**			
				Present Qty Limited to be Paid			112.75			
					Qty Up to 125%		64.87	**cum**	5678.53	3,68,358.00
					Qty Above 125%		**47.88**	**cum**	5678.53	2,71,868.00
	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates jelly of ready mixed concrete (RMC) M-20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for foundations & Sub-Structrue Works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) (P.18/I.4.48 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)									
				Quantity Claimed in 1st Bill			**244.62**			
	Qty vide Pre measurement sheet page no . (14)						**248.61**			
				Total Executed Quantity			493.23			
				Deduct Qty paid in 1st Bill			-244.62			
						Present Qty	**248.61**			
					Qty Up to 125%		89.78	**cum**	**6059.17**	**5,44,001.00**
					Qty Above 125%		**157.76**	**cum**	**6059.17**	**9,55,895.00**
	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc.,for all Super Structure Works with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) - Ready mixed Cement concrete M-30									
				Quantity Claimed in 1st Bill			445.70			
	Present Quantity						0.00			
				Total Executed Quantity			**445.70**			
				Deduct Qty paid in 1st Bill			-445.70			
						Present Qty	**0.00**	**cum**	**6230.57**	**0.00**
	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.31 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)									
				Quantity Claimed in 1st Bill			1,220.74			
	Qty vide Pre measurement sheet page no (17)						2,107.12			
				Total Executed Quantity			3,327.86			
				Deduct Qty paid in 1st Bill			-1,220.74			
						Present Qty	**2,107.12**			
				Present Qty Limited to be Paid			**2,053.60**			
					Qty Up to 125%		**887.26**	**Sq-m**	398.45	3,53,528.00
					Qty Above 125%		**1,166.34**	**Sq-m**	398.45	4,64,729.00

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Name of Work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara Ward no.07 Byatarayanapura .

SOR Item No	Description / Chainage	Side	Nos	L	B	D	Quantity	Remarks	Rate	Amount
11	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.17/I.4.46.2PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)									
						Quantity Claimed in 1st Bill	47.25			
	Qty vide Pre measurement sheet page no . (19)						20.74			
						Total Executed Quantity	67.99			
						Deduct Qty paid in 1st Bill	-47.25			
						Present Qty to be Paid	**20.74**	**Tonne**	**78985.16**	**16,37,933.00**
12	Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. including cost of all labour complete as per specifications.									
						Quantity Claimed in 1st Bill	62.35			
	Present Quantity						0.00			
						Total Executed Quantity	62.35			
						Deduct Qty paid in 1st Bill	-62.35			
						Present Qty to be Paid	**0.00**	**Cum**	**448.54**	**0.00**
ERL-1	Providing and fixing 3m long 25mm dia TMT dowel bars 1.5m inserted in 50mm dia holes drilled in hard rock and grouting in CM 1:1 including necessary bending, hooking, cutting and handling charges complete, including the cost of steel. (MORTH clause 1200). - below LWL in open foundation upto 3m. ((P.174 /I.26.130.1 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)									
						Quantity Claimed in 1st Bill	**620.00**			
	Present Quantity						0.00			
						Total Executed Quantity	620.00			
						Deduct Qty paid in 1st Bill	-620.00			
						Present Qty to be Paid	**0.00**	**No's**	**1882.08**	**0.00**
ERL-2	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mmdia M.S. hold fast rods each of length 25 cms. Including cost of all materialscutting, bending scaffolding wherever necessary, nicely finishing the weldedjoints with all lead lifts and as per the directions of the Engineer in - charge ofthe work and including providing 2 coats of approved quality paint over onecoat of shop painting (excluding cost of earthwork and concrete) includingcost of materials, labour, HOM complete as per specifications. Item No 37.2 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)									

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara Ward no.07 Byatarayanapura .

SOR Item No	Description / Chainage	Side	Nos	L	B	D	Quantity	Remarks	Rate	Amount
			Quantity Claimed in 1st Bill				50.00			
	Present Quantity						0.00			
				Total Executed Quantity			50.00			
				Deduct Qty paid in 1st Bill			-50.00			
				Present Qty to be Paid			0.00	m	956.07	0.00
SRL-3	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.Item No 37.3 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)									
			Quantity Claimed in 1st Bill				80.40			
	Present Quantity						0.00			
				Total Executed Quantity			80.40			
				Deduct Qty paid in 1st Bill			-80.40			
				Present Qty to be Paid			0.00	Sq-m	795.80	0.00
SRL-4	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between theexisting two verticle poles (M.S. rectangular poles) and spot welding the chainlink with M.S. block pipe including cost of all materials wastage in cutting,and scaffolding wherever necessary with all lead and lift as directed by theEngineer-in-charge of work etc., complete including two coats of approvedquality paint over one coat of shop paint, including cost of materials, labour,HOM complete as per specifications..Item No 37.4 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)									
			Quantity Claimed in 1st Bill				107.20			
	Present Quantity						0.00			
				Total Executed Quantity			107.20			
				Deduct Qty paid in 1st Bill			-107.20			
				Present Qty to be Paid			0.00	m	454.10	0.00
SRL-5	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
			Quantity Claimed in 1st Bill				162.00			
	Present Quantity									
	New RCC Drain									

Consultant

Assistant Engineer

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Kodigehalli Sub Division
BBMP, Bangalore

Work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara Ward no.07 Byatarayanapura .

SOQ Item No	Description / Chainage		Side	Nos	L	B	D	Quantity	Remarks	Rate	Amount
	1st Cross Road										
	0.00	12.00	L/S	20	0.60	0.75		9.00			
	16.00	19.50	L/S	6	0.60	0.75		2.70			
	26.00	41.00	L/S	25	0.60	0.75		11.25			
	41.00	55.50	L/S	24	0.60	0.75		10.80			
	65.50	80.50	L/S	25	0.60	0.75		11.25			
	80.50	95.50	L/S	25	0.60	0.75		11.25			
	95.50	110.00	L/S	24	0.60	0.75		10.80			
	120.00	129.00	L/S	15	0.60	0.75		6.75			
	194.50	209.50	L/S	25	0.60	0.90		13.50			
	209.50	224.50	L/S	25	0.60	0.90		13.50			
	224.50	230.50	L/S	10	0.60	0.90		5.40			
	RHS										
	0.00	7.00	R/S	12	0.60	0.90		6.48			
	16.00	31.00	R/S	25	0.60	0.90		13.50			
	31.00	45.00	R/S	23	0.60	0.90		12.42			
	62.50	72.00	R/S	16	0.60	0.90		8.64			
	81.50	90.00	R/S	14	0.60	0.90		7.56			
	99.50	118.00	R/S	31	0.60	0.90		16.74			
	134.50	145.00	R/S	18	0.60	0.75		8.10			
	216.00	233.00	R/S	28	0.60	0.90		15.30			
	Gangamma Temple Road										
	RHS										
	0.00	15.00	R/S	25	0.60	0.90		13.50			
	15.00	30.00	R/S	25	0.60	0.90		13.50			
	30.00	45.00	R/S	25	0.60	0.90		13.50			
	53.00	68.00	R/S	25	0.60	0.90		13.50			
	68.00	79.00	R/S	18	0.60	0.90		9.72			
	LHS										
	0.00	15.00	L/S	25	0.60	0.90		13.50			
	15.00	30.00	L/S	25	0.60	0.90		13.50			
	30.00	45.00	L/S	25	0.60	0.90		13.50			
	45.00	49.00	L/S	7	0.60	0.90		3.78			
	49.00	59.00	L/S	17	0.60	0.90		9.18			
	66.50	79.00	L/S	21	0.60	0.90		11.34			
							Total Executed Quantity	485.46			
							Deduct Qty paid in 1st Bill	-162.00			
							Present Qty	**323.46**			
							Qty Limited to	**234.00**	**Sq-m**	**2,337.00**	**5,46,858.00**
ERL-6	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)										
							Quantity Claimed in 1st Bill	**0.00**			
							Present Quantity				
	Culvert										
	1st Cross Road										

Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

NDD DE 11/10/21

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Name of Work : Construction of RCC retaining Wall near Water tank (behind govt School) in Sanjeevininagara Ward no.07 Byatarayanapura .

SOQ Item No	Description / Chainage		Side	Nos	L	B	D	Quantity	Remarks	Rate	Amount
	RHS										
	128.50	134.50	R/S	10	0.60	1.20		7.20			
	Missing Slab			2	0.60	1.20		1.44			
				4	0.60	1.80		4.32			
							Total Executed Quantity	12.96			
							Deduct Qty paid in 1st Bill	0.00			
							Present Qty	12.96			
							Present QtyLimited to be Paid	**12.00**	**Sq-m**	**5,418.00**	65,016.00
SBRL-7	KSRRB 5-14: Providing and Constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton/sqm with cement mortor 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40X15X20 cms confirming to I.S:2185/1965 in superstructure including cost of materials, labor charges, scaffolding, curing complete as per specifications (P.No.25, I.No.5.26.2 of PW, P&IWTD SR 2018-19)										
							Quantity Claimed in 1st Bill	**56.00**			
							Present Quantity	0.00			
							Total Executed Quantity	56.00			
							Deduct Qty paid in 1st Bill	-56.00			
							Present Qty to be Paid	**0.00**	**Sq-m**	**1,028.41**	0.00
SBRL-8	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
							Quantity Claimed in 1st Bill	**1,033.05**			
							Present Quantity	0.00			
							Total Executed Quantity	1,033.05			
							Deduct Qty paid in 1st Bill	-1,033.05			
							Present Qty to be Paid	**0.00**	**Sq-m**	**116.87**	0.00
SBRL-9	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										
							Quantity Claimed in 1st Bill	**108.00**			
							Present Quantity	0.00			
							Total Executed Quantity	108.00			
							Deduct Qty paid in 1st Bill	-108.00			
							Present Qty to be Paid	**0.00**	**Sq-m**	**779.10**	0.00
										Total	54,70,395.00
										12% GST	6,56,447.00
										Grand Total	61,26,842.00

Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

NDD DE (11/10/21)

Executive Engineer Project Division Yelahanka Zone BBMP, Bangalore-92

Consultant

Assistant Engineer

Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore